

AMENDMENTS TO THE CLAIMS

1. - 24 (Canceled)
25. (Currently Amended) An isolated nucleic acid ~~consisting of~~ 19 to ~~140-24~~ nucleotides wherein the sequence of the nucleic acid comprises:
 - (a) at least 19 consecutive nucleotides of SEQ ID NO: ~~10068308159~~;
 - (b) an RNA ~~equivalent of~~ encoded by (a);
 - (c) a sequence at least 80% identical to (a) or (b); or
 - (d) the complement of any one of (a)-(c), ~~wherein the complement is identical in length to the nucleic acid of (a)-(c).~~
26. (Currently Amended) The nucleic acid of claim 25, wherein the ~~at least 19 nucleotides is of a sequence selected from the group consisting of SEQ ID NOS: 6769403, 6821380, 6826827, 6842315, and 6863394~~ nucleic acid is of the sequence of SEQ ID NO: 159.
27. (Canceled)
28. (Canceled)
29. (Currently Amended) ~~The~~ An isolated nucleic acid of ~~claim 25~~ 50-140 nucleotides, wherein the sequence of the nucleic acid ~~consists of~~ comprises:
 - (a) at least 19 consecutive nucleotides of SEQ ID NO: ~~10068308159~~;
 - (b) an RNA ~~equivalent of~~ encoded by (a);
 - (c) a sequence at least 80% nucleotides identical to (a) or (b); or
 - (d) the complement of any one of (a)-(c), ~~wherein the complement is identical in length to the nucleic acid of (a)-(c).~~
30. (Currently Amended) The nucleic acid of claim 29, wherein the ~~at least 19 nucleotides is of a sequence selected from the group consisting of SEQ ID NOS: 6769403, 6821380, 6826827, 6842315, and 6863394~~ nucleic acid is of the sequence of SEQ ID NO: 6821380.
31. - 34 (Canceled)
35. (Currently Amended) A vector comprising ~~an~~ insert, wherein ~~an~~ insert consists of the nucleic acid of claim 25.
36. (Currently Amended) A vector comprising ~~an~~ insert, wherein ~~an~~ insert consists of the nucleic acid of claim ~~29~~ 26.
37. (Currently Amended) A ~~probe~~ vector comprising ~~an~~ insert, wherein ~~an~~ insert consists of the nucleic acid of claim ~~25~~ 29.
38. (Currently Amended) A ~~probe~~ vector comprising ~~an~~ insert, wherein ~~an~~ insert consists of the nucleic acid of claim ~~29~~ 30.